

CLAIMS

1. A specimen analysis disk comprising a channel provided therein as extending from an injection port toward an outer periphery thereof and rotatable about an axis thereof by external rotation means to cause a liquid specimen injected into the channel from the injection port to flow through an analysis area provided midway in the channel to a radially outer end portion of the channel, wherein a water absorbing member is provided in the outer end portion of the channel.

2. A specimen analysis disk as set forth in claim 1, wherein a reagent reactive with a constituent of the liquid specimen to be analyzed is provided in the analysis area.

3. A specimen analysis disk as set forth in claim 1, wherein the water absorbing member is composed of a porous material.

4. A specimen analysis disk as set forth in claim 1 or 3, wherein the water absorbing member contains a coagulating agent for coagulating the liquid specimen.

5. A specimen analysis disk as set forth in claim 4, wherein the coagulating agent is a highly water absorbable polymer.

6. A specimen analysis disk as set forth in claim 4, wherein the coagulating agent is a blood coagulating agent.

7. A specimen analysis disk as set forth in claim 1, wherein the outer end portion of the channel provided with the water absorbing member has a greater width than a portion of the channel radially inward of the outer end portion.

8. A specimen analysis disk as set forth in claim 1, wherein a portion of the channel radially inward of the outer end portion provided with the water absorbing member is bottlenecked.

9. A specimen analysis disk as set forth in claim 1, wherein the channel includes a plurality of channels which are connected to each other at the outer end portions thereof each provided with the water absorbing member.

10. A specimen analysis disk as set forth in claim 1, wherein a portion of the channel radially inward of the outer end portion provided with the water absorbing member is coated with a hydrophobic material.

11. A specimen analysis disk as set forth in claim 1, wherein a valve device is provided between the analysis area and the outer end portion provided with the water absorbing member.

12. A specimen analysis disk as set forth in claim 11, wherein the valve device is opened and closed by a centrifugal force.

13. A specimen analysis device, which employs a specimen analysis disk comprising a channel provided therein as

extending from an injection port toward an outer periphery thereof, an analysis area provided midway in the channel and a water absorbing member provided in a radially outer end portion thereof, the device comprising rotation means which rotates the specimen analysis disk about an axis of the disk with a liquid specimen injected in the channel from the injection port, and optical detection means which scans the analysis area to optically detect a constituent of the liquid specimen guided through the channel toward the outer periphery of the disk by the rotation.